

PERMITTEE NAME/ADDRESS
(Include Facility Name/Location if different)

US Department of Interior
NAME Bureau of Reclamation
ADDRESS 826 East Front Street, Suite A
Port Angeles WA 98362-3613

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16)

WA-002666-2

PERMIT NUMBER

(17-19)

001

DISCHARGE NUMBER

Sedimentation Plant (non-wastewater)

Influent and effluent flows are averaged for days that discharges occurred at Outfall 001. Batches were discharged on April 13 & 14 for a total of 12.8 Hrs.

FACILITY Elwha Water Treatment Plant
LOCATION Elwha River/ Lat: 48° 10' 10" N/Long: 123° 33' 7" W.

MONITORING PERIOD

FROM

YEAR

MO

DAY

TO

YEAR

MO

DAY

2011

04

01

2011

04

30

(20-21)

(22-23)

(24-25)

(26-27)

(28-29)

(30-31)

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING			(4 Card Only) QUALITY OR CONCENTRATION				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		(46-53)	(54-61)	UNITS	(38-45)	(46-53)	(54-61)				
		AVERAGE MONTHLY	MAXIMUM DAILY		MINIMUM	AVERAGE MONTHLY	MAXIMUM DAILY				
Flow Influent [0056 7 0 0]	SAMPLE MEASUREMENT	10.091	10.389	CFS	*****	*****	*****		0	continuous	recording
	PERMIT REQUIREMENT	Report	Report						Continuous	Recording	
Flow Effluent [0056 1 0 0]	SAMPLE MEASUREMENT	2.531	0.512	CFS	*****	*****	*****		0	continuous	recording
	PERMIT REQUIREMENT	Report	Report						Continuous	Recording	
Turbidity Influent [00070 7 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	3.12	3.18	NTU	0	continuous	recording
	PERMIT REQUIREMENT				Report	Report	Continuous		Recording		
pH Influent [00400 7 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	8.1	8.1	s.u.	0	daily	grab
	PERMIT REQUIREMENT				6.5 - 8.5	8.5	5/ week		Grab		
pH Effluent [00400 1 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	7.96	7.99	s.u.	0	daily	grab
	PERMIT REQUIREMENT				6.5 - 8.5	8.5	5/ week		Grab		
Temperature Influent [00010 7 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	6.2	6.3	°C	0	daily	grab
	PERMIT REQUIREMENT				Report	Report	5/Week		Grab		
Temperature Effluent [00010 1 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	6.92	7.33		0	daily	grab
	PERMIT REQUIREMENT				Report	Report	5/Week		Grab		
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY										
Michael S Greene, PE Project/Plant Manager, Veolia Water N. America Operating Services											
TYPED OR PRINTED	KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.										
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT				AREA CODE	NUMBER	YEAR	MO	DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

The Elwha River WTP (Sedimentation) is currently in a "mothball" or stand-by operating mode. It is operated on an intermittent basis for commissioning and equipment exercise.

Computer Reproduction EPA Form 3320-1

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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16)
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001
DISCHARGE NUMBER

Sedimentation Plant (non-wastewater)

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	2011	04	01		2011	04	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING			(4 Card Only) QUALITY OR CONCENTRATION			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		(46-53) AVERAGE MONTHLY	(54-61) MAXIMUM DAILY	UNITS	(38-45) MINIMUM	(46-53) AVERAGE MONTHLY	(54-61) MAXIMUM DAILY	UNITS		
Fecal Coliform Influent [31625 7 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	≤ 1.0	≤ 1.0		0	
	PERMIT REQUIREMENT					Report	Report	#/100 ml	10/Month	Grab
Fecal Coliform Effluent [31625 1 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	≤ 1.0	≤ 1.0		0	
	PERMIT REQUIREMENT					Report	Report	#/100 ml	10/Month	Grab
Total Suspended Solids Influent Daily Average Influent Turbidity > 50 NTU	SAMPLE MEASUREMENT	AD<50 NTU	AD<50 NTU		*****	AD<50 NTU	AD<50 NTU		0	
	PERMIT REQUIREMENT	Report	See I.B.3 & I.B.4	Lb/Day		Report	Report	mg/L	Daily	24-Hr composite
Total Suspended Solids Effluent Daily Average Influent Turbidity > 50 NTU	SAMPLE MEASUREMENT	AD<50 NTU	AD<50 NTU		*****	AD<50 NTU	AD<50 NTU		0	
	PERMIT REQUIREMENT	Report	See I.B.3 & I.B.4	Lb/Day		Report	Report	mg/L	Daily	24-Hr composite
Total Suspended Solids Influent [00530 7 0 0] Daily Average Influent Turbidity < 50 NTU	SAMPLE MEASUREMENT	0.08	0.09		*****	1.9	2.0		0	Day of discharge
	PERMIT REQUIREMENT	Report	22	#/CFS River		Report	Report	mg/L	Daily	24-Hr composite
Total Suspended Solids Effluent [00530 P 0 0] Daily Average Influent Turbidity ≤ 50 NTU	SAMPLE MEASUREMENT	0.15	2.00		*****	29.5	38.7		0	Day of discharge
	PERMIT REQUIREMENT	Report	22	#/CFS River		Report	Report	mg/L	Daily	24-Hr composite
Settleable Solids Influent [00545 7 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	≤ 1.0	≤ 1.0		0	2/month
	PERMIT REQUIREMENT					Report	Report	ml/L	1/month	24-Hr composite

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		360	417-1180	2011	05	08	
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

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DISCHARGE MONITORING REPORT (DMR)


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Sedimentation Plant (non-wastewater)

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	2011	04	01		2011	04	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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		AVERAGE MONTHLY	MAXIMUM DAILY		MINIMUM	AVERAGE MONTHLY	MAXIMUM DAILY				
Settleable Solids Effluent [00545 1 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	≤1.5	2.0	ml/L	0	2/month	comp
	PERMIT REQUIREMENT					Report	Report				1/month
BOD ₅ Effluent [00310 1 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	2.8	2.8	mg/L	0	1/month	comp
	PERMIT REQUIREMENT					Report	Report				1/month
Alkalinity Effluent [0410 1 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	40	40	mg/L as CaCO ₃	0	1/month	comp
	PERMIT REQUIREMENT					Report	Report				1/month
Total Dissolved Solids Influent [70295 7 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	61	61	mg/L	0	1/month	comp
	PERMIT REQUIREMENT					Report	Report				1/month
Total Dissolved Solids Effluent [70295 1 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	6.9	7.1	mg/L	0	1/month	comp
	PERMIT REQUIREMENT					Report	Report				1/month
Total Aluminum Influent [01105 7 0 0]	SAMPLE MEASUREMENT	ND	ND	lb/Day	*****	ND<Lab RL	ND<Lab RL	mg/L	0	1/month	comp
	PERMIT REQUIREMENT	Report	Report			Report	Report				1/month
Total Aluminum Effluent [01105 1 0 0]	SAMPLE MEASUREMENT	64.8	107.8	lb/Day	*****	7.9	7.9	mg/L	0	1/month	comp
	PERMIT REQUIREMENT	Report	Report			Report	Report				1/month



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FROM YEAR MO DAY TO YEAR MO DAY
2011 04 01 2011 04 30
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		(46-53)		(54-61)	(38-45)		(46-53)					(54-61)
		AVERAGE MONTHLY	MAXIMUM DAILY	UNITS	MINIMUM	AVERAGE MONTHLY	MAXIMUM DAILY	UNITS				
Dissolved Oxygen Influent [00300 7 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	12.8	12.9		0	2/month	grab	
	PERMIT REQUIREMENT					Report	Report	mg/L		1/Month	Grab	
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
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						360	417-1180	2011	05	08		
						AREA CODE	NUMBER	YEAR	MO	DAY		





May 9, 2011



US EPA Region 10
Director, Office of Compliance & Enforcement
1200 Sixth Avenue, OCE-133
Seattle, Washington 98101

**RE: NPDES # WA-002666-2, MONTHLY REPORT, APRIL 2011, ELWHA
WATER TREATMENT PLANT**

Attn: PCS Data Entry Team

Enclosed is the monthly Discharge Monitoring Report (DMR) for the Elwha Water Treatment Plant (Port Angeles, WA) for the month of April 2011. The report is being submitted by Veolia Water North America (VWNA) Operating Services on behalf of the US Department of Interior, Bureau of Reclamation. A copy has been submitted to the Washington DOE.

Slurry, generated from the sedimentation process, was discharged on April 13 and 14. The total discharge time for both days and for the entire month was 12.8 Hrs.

Please contact me if there are any questions or comments regarding the enclosed forms.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Michael S. Greene'.

Michael S Greene
District Manager

CC: Richard Bauman, BOR
Paul Rothgery, NPS
Jeff Bohman, NPS
Chris Lewis, NPS

Enclosures:

1. DMR, April 2011, EPA Form 3320-1 (4 pages)